

20040802.ba v03_n683.bam.20040802

>From ???@??? Mon Aug 2 21:54:49 2004 +0000
Message-Id: <200408030254.i732sV2m027116@sco.theporch.com>
Date: Mon, 2 Aug 2004 21:54:05 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3683

BOATANCHORS Digest 3683

Topics covered in this issue include:

- 1) MRCA Photos
by "b. smith" <smithab11@comcast.net>
- 2) For sale:
by Meyer Gottesman <wrecktech@yahoo.com>
- 3) Re: FS: Manuals, Mil and Commercial
by John Poulton <jp@cs.unc.edu>
- 4) Ranger VFO drive
by "Tom Rauch" <w8ji@contesting.com>
- 5) ADMINISTRIVIA: Buying and Selling Guidelines
by listown@nanniandjack.com (Mail List Owner)
- 6) 3-amp "Screw-in" Fuses
by David Stinson <arc5@ix.netcom.com>
- 7) Re: 3-amp "Screw-in" Fuses
by "Ned Ely" <adcinfo@ghg.net>
- 8) Re: 3-amp "Screw-in" Fuses
by W7QH0@aol.com
- 9) Re: 3-amp "Screw-in" Fuses
by "Arden Allen" <gumbear@pacbell.net>
- 10) Re: 3-amp "Screw-in" Fuses
by Dan Arney <hankarn@pacbell.net>
- 11) Re: 3-amp "Screw-in" Fuses
by Buzz <buzz@softcom.net>
- 12) Re: 3-amp "Screw-in" Fuses
by W7QH0@aol.com
- 13) 3 Amp Fuses et al
by "Herbert M. Rosenthal" <herbrose@comcast.net>
- 14) Re: 3-amp "Screw-in" Fuses
by Bob Roehrig <broehrig@aurora.edu>
- 15) Radiofest question
by William Donzelli <aw288@osfn.org>
- 16) 312A-1 Lamp Hood
by Bob Kemp <bkemp@bobkemp.com>
- 17) something for you
by w8au@sssnet.com
- 18) Ranger 1, 1614 Substitution?

- by Mike Hardie <mike46@shaw.ca>
- 19) Re: Ranger 1, 1614 Substitution?
by Garey Barrell <k4oah@mindspring.com>
- 20) Re: Ranger 1, 1614 Substitution?
by "Arden Allen" <gumbear@pacbell.net>
- 21) Re: Ranger 1, 1614 Substitution?
by "Sandy W5TVW" <ebjr@i-55.com>
- 22) EV 664 Mike Schematic
by Bob Kemp <bkemp@bobkemp.com>
- 23) Re: EV 664 Mike Schematic
by John Shriver <jshriver@internap.com>
- 24) Vibroplex Trivia
by Tom Norris <r390a@bellsouth.net>
- 25) Collins F 64 Z 10X filter?
by Tom Norris <r390a@bellsouth.net>

Message-ID: <001501c477d2\$6f1cc350\$94f02144@Denroom>
From: "b. smith" <smithab11@comcast.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: MRCA Photos
Date: Sun, 1 Aug 2004 10:18:34 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have posted several pages of photos taken last year at the MRCA meet in Gilbert PA.

This years meet is scheduled for 17-18 September and is held in conjunction with the MVPA vehicle and flea market. Overall this is a well organized and massive event with plenty of do on both days. Hope to see you all there.

73 breck k4che

<http://solo11.abac.com/zorroab1/MRCA03/MRCA2003page1.html>

Message-ID: <20040801161353.57668.qmail@web51002.mail.yahoo.com>
Date: Sun, 1 Aug 2004 09:13:53 -0700 (PDT)
From: Meyer Gottesman <wrecktech@yahoo.com>
Subject: For sale:
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

For sale:

I am still trying to sell my range "F" tuning unit for the Navy GP-7 transmitter. (WW II). This is the tuning unit that includes the entire 40 meter ham band and is "scare as Hen's teeth"!

Asking \$100.00 firm plus shipping/packin FOB Warner Robins, Georgia, USA. Personal checks are welcome and do not cause a delay.

Tel: (478)741-1710 in Macon, GA.

73,

Meyer Gottesman, W6GIV

Do you Yahoo!?

New and Improved Yahoo! Mail - Send 10MB messages!

http://promotions.yahoo.com/new_mail

Date: Sun, 1 Aug 2004 12:15:07 -0400 (EDT)

From: John Poulton <jp@cs.unc.edu>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: FS: Manuals, Mil and Commercial

Message-ID: <Pine.LNX.4.58.0408011210200.2815@swan.cs.unc.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Found a few more mil manuals. Same terms as the previous posting (shipping costs figured per bundle).

SCR-543-A/B/C radio set orig manual (TM11-625) \$5

"Instruction bood for erection of 50 Foot Trylon Antenna Ladder Tower Kits" NAVSHIPS 900,215-IB (Wind Turbine Company) \$2

TBK-17 Transmitter orig manual \$5

PP-804/U (used with radio sets TRC-22, TRC-28, FRC-15 and FRC-27) orig manual, Motorola \$2

SCR-211-A thru AL Frequency Meter Sets orig man \$5

Let me know your wants--be SURE to send me your mailing address!

73, John K4OZY

Message-ID: <004801c477e8\$dd663ec0\$6801a8c0@akorn.net>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Ranger VFO drive
Date: Sun, 1 Aug 2004 12:59:09 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A good friend who recently passed away left me his favorite BA, a Ranger II.

Since it has great personal sentiment for me, I would like to put it in tip-top condition so I can use it. It is missing the fuse plug, the under-chassis shield for the buffer stage, and has a bad VFO drive.

I plan on making a new silkscreen to totally re-do the front panel. I've already stripped and refinished the cabinet.

73 Tom

Message-Id: <200408011815.i71IF1Za022616@osr506.nanniandjack.com>
From: listown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Buying and Selling Guidelines
Date: Sun, 1 Aug 2004 11:15:01 -0700 (PDT)

Gang-

This periodic posting is intended as a gentle nudge and suggestion which should improve the quality of posts to the BoatAnchors list, and maintain our excellent (and high) signal to noise ratio...

The list culture has developed to include "for sale" and "wanted" posts. Originally, all buying and selling traffic was focused on finding parts to complete a restoration. As the list has evolved, there has been an increase in buying and selling activity, which may not be all bad.

There is, however, a real need to observe certain conventions, lest this otherwise benign activity turn into a real disturbance to the real purpose of the list: discussions of radio equipment using vacuum tubes, including the life and times of the designers and users of such gear.

Please observe these guidelines:

There is never a reason for an auction post or update on the Boatanchors List... comments about gear at auction elsewhere are noise, and those who would care already visit the auction sites, and those who do not frequent the auctions do not want to hear about it... simple policy -- keep this off the list!

- 1) LIMIT the frequency of for sale postings... once a month is a good starting point
- 2) DO NOT post endless "xxx is sold" to the entire list... you offered it for sale, and it is not considerate of list resources (which include the time and energy of the other list members) to burden the list with these senseless notices. Use direct email to those who responded, or, if you don't want to answer them personally, just don't use the list to advertise them for sale!
- 3) AVOID even the mere faint appearance that you are posting items for sale as a regular adjunct to your business dealings. This has become more of a problem lately with some long lists showing up regularly on the main list, or with dealers who appear to be using the list for their personal advertising advantage. Failure to observe these basics *will* result in banishment from the list -- just don't do it! When even a shadow of doubt creeps in, read the "Welcome" message again... it spells it out!
- 4) DO be considerate of those on the list in your for sale or wanted postings. Keep them short, infrequent, and ONLY include items specifically appropriate to the list -- NO solid state gear is obvious, but try to avoid pushing the envelope in any area.
- 5) LONG lists and estate offerings should be sent to me at:
listown@nanniandjack.com
so they may be uploaded to the archives for email, web, or ftp retrieval.
- 6) We now have a web page up. Go to:
<http://www.theporch.com>
and follow the "ListProc Web Interface" Link to get registered and use the web interface, which allows searching of previous articles and the archived text files.

Thanks for your understanding and help in making the boatanchors list have the highest signal to noise on the InterNet.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Sun Aug 1 11:15:01 PDT 2004

Message-ID: <410D5ED6.7090303@ix.netcom.com>
Date: Sun, 01 Aug 2004 16:21:26 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 3-amp "Screw-in" Fuses
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Does anyone have a boatanchor that uses 3-amp fuses of the old "screw-in" type? They are the kind that used to be in every home's fuse box, except those were usually 20 amp.

Message-ID: <018901c47827\$9c722340\$e744f340@adcinfo>
From: "Ned Ely" <adcinfo@ghg.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 3-amp "Screw-in" Fuses
Date: Sun, 1 Aug 2004 19:28:12 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

David,
If you are looking for an un-invasive fix and have the room, how about one of the "plug-in to screw-in" adaptors like we use for our outdoor Christmas lights and then a replacement 2 prong plug with a fuse attached where the line cord would go.

Sounds very dangerous, doesn't it?
Ned KD5YQH

From: W7QH0@aol.com
Message-ID: <27.5e69540a.2e3eeedd@aol.com>
Date: Sun, 1 Aug 2004 21:11:57 EDT

Subject: Re: 3-amp "Screw-in" Fuses
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_27.5e69540a.2e3eeedd_boundary"

--part1_27.5e69540a.2e3eeedd_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 8/1/04 2:23:02 PM, arc5@ix.netcom.com writes:

> Does anyone have a boatanchor that uses 3-amp
> fuses of the old "screw-in" type?
> They are the kind that used to be in every
> home's fuse box, except those were usually 20 amp.
>

The Collins 32RA transmitter uses these, one each 3, 6 & 10 amp. Buss still makes the old plug fuses with these ratings but you won't find them in your local hardware store or Home Depot.....

Dennis D. W7QHO
Glendale, CA

--part1_27.5e69540a.2e3eeedd_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_27.5e69540a.2e3eeedd_boundary--

Message-ID: <001a01c47832\$a19c00b0\$5be47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 3-amp "Screw-in" Fuses

Date: Sun, 1 Aug 2004 18:47:08 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Does anyone have a boatanchor that uses 3-amp
> fuses of the old "screw-in" type?
> They are the kind that used to be in every
> home's fuse box, except those were usually 20 amp.

Never let it be said the American spirit of adventure is dead. The Ace hardware website has screw base fuses but only down to 10 amps. Bahhhh..!

Somewhere, an old house demolition, junk store, Goodwill, flea market, garage sale, rummage sale, ePuddle, electrical contractor's back room, you will find the old glass top fuses that you can change the element in. Long since run off the market and replaced with "tamper-proof" fuses, with those you can simply cannibalize a cartridge fuse for its element and "roll your own." For adult audience only.

Arden Allen
KB6NAX

Message-ID: <410DB0D1.9080905@pacbell.net>
Date: Sun, 01 Aug 2004 20:11:13 -0700
From: Dan Arney <hankarn@pacbell.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 3-amp "Screw-in" Fuses
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Larry should have stated that he had a box them available not as ???
Hank
KN6di

Date: Sun, 01 Aug 2004 20:58:51 -0700
From: Buzz <buzz@softcom.net>
Subject: Re: 3-amp "Screw-in" Fuses
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Message-id: <jperg0d8pconrvtpchdmi5s9252m7gbcbo@4ax.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Those fuses were named "Fusestat" and I think that they were made by Buss. The old juke boxes used a 3A and a 5A and the threads were different so that you couldn't swap 'em. Maybe a search under juke box parts would help.

Buzz

On Sun, 01 Aug 2004 16:21:26 -0500, you wrote:
>Does anyone have a boatanchor that uses 3-amp
>fuses of the old "screw-in" type?
>They are the kind that used to be in every
>home's fuse box, except those were usually 20 amp.

From: W7QH0@aol.com
Message-ID: <9.2f92b37d.2e3f19ee@aol.com>
Date: Mon, 2 Aug 2004 00:15:42 EDT
Subject: Re: 3-amp "Screw-in" Fuses
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="part1_9.2f92b37d.2e3f19ee_boundary"

--part1_9.2f92b37d.2e3f19ee_boundary
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: quoted-printable

In a message dated 8/1/04 8:59:48 PM, buzz@softcom.net writes:

> Those fuses were named "Fusestat" and I think that they were made by Buss.=
=A0=20
> The old juke boxes used
> a 3A and a 5A and the threads were different so that you couldn't swap 'em=
.
> Maybe a search under juke box parts would help.
>=20

The original screw-in, light bulb base size fuses were also called "Edison"=20
fuses. There was a later screw-in gadget with a resettable circuit break=20
r=20
inside called a "Fusetron." "Fusestats" came later, smaller threads and=20
generally made of ceramic.

--part1_9.2f92b37d.2e3f19ee_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
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* is not set to send PLAIN TEXT ONLY and needs adjusting *
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--part1_9.2f92b37d.2e3f19ee_boundary--

Message-ID: <410DD248.3B5E38B8@comcast.net>
Date: Sun, 01 Aug 2004 23:34:03 -0600
From: "Herbert M. Rosenthal" <herbrose@comcast.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 3 Amp Fuses et al
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I remember an adapter came on the market to convert the larger size fast blow fuse to the smaller diameter slow blow (Slo Blo). One screwed the adapter onto a Slo Blo fuse, then screwed the combination into the fuse box. The adapter had a one-way spring sticking out a bit to hold it in place, and when the newer fuse was unscrewed it left the adapter in the box, ready for a new Slo Blo, but you could not screw in an original Fast Blo.

The change in fuse came about when motorized appliances became more popular in places with older wiring (remember, it was rubber and cloth covered?), to allow the starting current surge of a motor to be momentarily carried yet protect the circuit from a dead short or a prolonged overload. I still have some of these Slow Blow fuses in the fuse/junction box for my rooftop swamp cooler here in Albuquerque.

Herb Rosenthal W5AN

Date: Mon, 2 Aug 2004 08:24:22 -0500 (CDT)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 3-amp "Screw-in" Fuses
Message-ID: <Pine.OSF.4.58.0408020823050.215874@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 1 Aug 2004, David Stinson wrote:

> Does anyone have a boatanchor that uses 3-amp
> fuses of the old "screw-in" type?
> They are the kind that used to be in every
> home's fuse box, except those were usually 20 amp.

Are you looking for such fuses, or trying to get rid of some?
Some models of Teletype equipment used fuses like that in the motor circuits. They are still available.

Bob Roehrig
Aurora University Telecom dept.
broehrig@aurora.edu 73 de K9EUI
630-844-4898 fax 630-844-4222
"Nostalgia is a thing of the past"

Date: Mon, 2 Aug 2004 09:54:25 -0400 (EDT)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Radiofest question
Message-ID: <Pine.SUN.4.20.0408020948350.17855-1000000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone here going to the upcoming Radiofest in Elgin, IL? I may go, but it seems they have moved the schedule a little.

Basically, does the show "start" (very) early Thursday morning, as it has previously, or will the afternoon start be the rule? Coming from the east, I want to time everything properly.

William Donzelli
aw288@osfn.org

Message-ID: <410E4C00.7090302@bobkemp.com>
Date: Mon, 02 Aug 2004 09:13:20 -0500
From: Bob Kemp <bkemp@bobkemp.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 312A-1 Lamp Hood
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I'm having a run of 20 - lamp hoods for the Collins 312A-1 speakers made up. If anyone is interested, contact me via email and I'll reserve one \$98. includes shipping via priority mail.

Bob
wa0vrc

Message-Id: <200408021459.i72Exk2R026949@sco.theporch.com>
From: w8au@sssnet.com
To: Old Tube Radios <boatanchors@theporch.com>
Subject: something for you
Date: Mon, 2 Aug 2004 11:01:56 -0400
MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="-----=_NextPart_000_0009_00007724.00001343"

This is a multi-part message in MIME format.

-----=_NextPart_000_0009_00007724.00001343
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I 've found your bill!

-----=_NextPart_000_0009_00007724.00001343
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *

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* is not set to send PLAIN TEXT ONLY and needs adjusting *

* * * * *

-----=_NextPart_000_0009_00007724.00001343--

Date: Mon, 02 Aug 2004 08:25:19 -0700
From: Mike Hardie <mike46@shaw.ca>
Subject: Ranger 1, 1614 Substitution?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <000701c478a4\$eca4a7c0\$6501a8c0@vn.shawcable.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Does anyone know if 5881's or 7581's will work in place of the 1614's in a Ranger 1? I think the electrical characteristics are similar, but the physical size of the tubes and shielding are unknowns. At present 6L6's (metal case) are doing the job, but rumor has it the 5881 and 7581 are "more rugged". For multi-fingered switch flippers this can be an advantage.

Mike
VE7MMH

Message-ID: <410E7137.2000900@mindspring.com>
Date: Mon, 02 Aug 2004 12:52:07 -0400
From: Garey Barrell <k4oah@mindspring.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Ranger 1, 1614 Substitution?
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Mike -

According to an ad in QST, January 1949, the 1614 IS a 6L6.

"While a 6L6 in design and basic characteristics, the (GE) GL-1614 is factory-approved for radio-frequency work."

The other "advantage" is that the 1614 has "ICAS" ratings which specify over 550V on the plates in Push-Pull Modulator service, putting out 50W

of audio at 2.5% THD!!!! CCS ratings for the 1614 are identical to the 6L6, or about 26.5W output at 2% THD in modulator service. [Ref RCA RC-29 and TT-5]

As to why Johnson used an "RF rated" tube for a modulator, I suspect it had something to do with large quantities of 1614's available in surplus. Same reason Heath used a 1629 (?) "eye" tube instead of the 6E5.

I've used 6L6's for years in a Ranger as have many others.

By the way, the 7027A, used in the Ranger II, is spec'd for 24W output at 1.6% THD.

73, Garey - K40AH
Atlanta

Mike Hardie wrote:

>Does anyone know if 5881's or 7581's will work in place of the 1614's in a
>Ranger 1? I think the electrical characteristics are similar, but the
>physical size of the tubes and shielding are unknowns. At present 6L6's
>(metal case) are doing the job, but rumor has it the 5881 and 7581 are "more
>rugged". For multi-fingered switch flippers this can be an advantage.

>Mike

>VE7MMH

>

>

>

>

Message-ID: <001701c478b1\$79d28200\$cee47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Ranger 1, 1614 Substitution?
Date: Mon, 2 Aug 2004 09:55:07 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Does anyone know if 5881's or 7581's will work in place of the 1614's in a
> Ranger 1?

Don't be taken in by audiophoolery, Mike. A few minutes perusing a tube manual will answer your question. What you are concerned with is the margin for abuse. Tubes operated within their ratings have widely varying

lifetimes. Just compare the plate dissipation ratings and forget the urgings of the audio occults. Beat your tube, go to jail...

Arden Allen
KB6NAX

Message-ID: <000201c478c3\$b84b1260\$34a3cdd1@s0023531634>
From: "Sandy W5TVW" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Ranger 1, 1614 Substitution?
Date: Mon, 2 Aug 2004 12:32:16 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The 5881's will work just great! Also most of the 6L6 family especially the 6L6GC.

73,

Sandy W5TVW

----- Original Message -----

From: "Mike Hardie" <mike46@shaw.ca>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Monday, August 02, 2004 10:25 AM
Subject: Ranger 1, 1614 Substitution?

| Does anyone know if 5881's or 7581's will work in place of the 1614's in a
| Ranger 1? I think the electrical characteristics are similar, but the
| physical size of the tubes and shielding are unknowns. At present 6L6's
| (metal case) are doing the job, but rumor has it the 5881 and 7581 are "more
| rugged". For multi-fingered switch flippers this can be an advantage.

| Mike
| VE7MMH

Message-ID: <410EABC9.6070007@bobkemp.com>
Date: Mon, 02 Aug 2004 16:02:01 -0500
From: Bob Kemp <bkemp@bobkemp.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: EV 664 Mike Schematic
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Would anyone be able to copy and either email or fax me the schematic and pin out of the EV664 Mike?

Thanks.

Bob

Message-ID: <410EACEA.30308@internap.com>
Date: Mon, 02 Aug 2004 17:06:50 -0400
From: John Shriver <jshriver@internap.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: EV 664 Mike Schematic
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

<http://www.louisville.edu/it/itis/manuals/ev-664.pdf>

Bob Kemp wrote:

> Would anyone be able to copy and either email or fax me the schematic
> and pin out of the EV664 Mike?
> Thanks.
> Bob
>
>

Mime-Version: 1.0
Message-Id: <p0610052bbd34a05c583d@[10.0.1.2]>
Date: Mon, 2 Aug 2004 20:56:10 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <r390a@bellsouth.net>
Subject: Vibroplex Trivia
Cc: boatanchors@theporch.com
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

One of the local guys down in Alabama emailed Vibroplex about bug history and got this reply back --

"You will love this! Copying from "Vibroplex Collector's Guide" by Tom French, page 8..."A manual semi-automatic telegraph key generates dots automatically. Dashes are generated individually by the operator. Horace Martin was the first to use the term "semi-automatic" in relation to such a key, doing so in his 1904 patent, no. 767,303. This type of key is also called a bug or speed key. The term "bug" originated with late 19th century commercial telegraph operators to denote an incompetent operator. Because

operators would sometimes use the popular Vibroplex without sufficient practice before getting on the wire, the key was referred to as a bug's key; the term was eventually used to refer to the key itself". So now you know the rest of the story. By the way, we are hoping to have the 100th Anniversary Bug ready to introduce on the patent date August 9, 2004. Thanks for the interest. Betsy @ Vibroplex.com"

Some of you guys may have already known that, but I didn't before now. Interesting.

Tom NU4G

Mime-Version: 1.0
Message-Id: <p06100531bd34aaf5d3f7@[10.0.1.2]>
Date: Mon, 2 Aug 2004 21:38:43 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom Norris <r390a@bellsouth.net>
Subject: Collins F 64 Z 10X filter?
Cc: glowbugs@piobaire.mines.uidaho.edu
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Anyone have the specs on these? Think they are low freq phone service type...

Thanks

Tom NU4G

End of BOATANCHORS Digest 3683
